



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

US EPA RECORDS CENTER REGION 5



505746

July 2, 2014

To: Adam Loney, CRA

From: Leslie Patterson, U.S. EPA

Subject: Comments on the May 27, 2014 *Quality Assurance Project Plan, Revision 00*

EPA, in consultation with Ohio EPA, has the following comments on the QAPP referenced above. Please revise the QAPP to address the comments below and resubmit it by August 1, 2014. If you would like further clarification on the required changes, I can schedule a conference call with the QAPP reviewer.

1. WS #1: Please add Michael McDonough as USEPA Region 5 QAPP reviewer.
2. WS #2: There appears to be information in the QAPP that is not related to the site in question. Is this a generic QAPP or a site specific QAPP? It must be site specific QAPP to be approved. Are there any scoping sessions that were held?
3. WS #3: Please add Michael McDonough as USEPA Region 5 QAPP reviewer. 312-886-1550, McDonough.mike@epa.gov
4. WS #4 & 7: Please add Michael McDonough as USEPA Region 5 QAPP reviewer.
5. WS #5: Please add Michael McDonough as USEPA Region 5 QAPP reviewer.
6. WS #39: Are there any scoping sessions that were held?
7. WS #11: Page 52 references previous sediment samples collected from the Quarry Pond and the GMR, but in Step 3.ii there is virtually no discussion of previously collected data.
8. WS #15: Project Action Limits and Project Quantitation Limits are not identified. The specific target analytes are not identified (WS 15 has lists of analytes that have some highlighted in yellow, but the significance of the yellow highlighting is not identified.) The lists do not "avoid including analytes that are unrelated to the project."
9. Appendix G.1 : Surface Water Sampling SOP, Section 5.0 – Second Paragraph: The text states "Surface water samples should be collected about 6 inches (15 cm) below the surface, with the sample bottles being completely submerged." However, the work plan itself states "Each surface water sample will be collected from approximately the mid-point of the water column." The Surface Water Sampling SOP should be revised to be consistent with the work plan.

EPA recommends collecting these samples is with a peristaltic pump and a tube tethered to a survey pole. Prior to sample collection, surface water depth is obtained and the tube is then attached to the survey pole at the appropriate interval. Although this SOP includes a method for collection via peristaltic pump, EPA recommends that you add the detail on how you will ensure that samples are obtained from the approximate mid-point as is stated in the work plan.